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13. ABSTRACT (Maximum 200 words) The goal of the internship program was to give socioeconomically disadvantaged undergraduate students an introduction to what graduate study in Computer Science is like and to encourage them to consider graduate education. A further goal was to build stronger relationships with local and national four-year HBCU's (Historically Black Colleges and Universities). We also recruited students from HBCU's nationwide and worked in conjunction with the School of Electrical and Computer Engineering, which has a similar intern program, funded by the National Science Foundation. We worked very closely with local HBCU faculty to provide an internship program that was rewarding, challenging, enjoyable, and closely mentored.				
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Final Report
Summer Intern Program

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This report summarizes the summer internship program conducted in 1997, supported by an ONR grant (N00014-97-1-0537, Georgia Tech budget C36-W34). The report describes the work undertaken by the students, results of the program, and future plans. Overall, the internship program was a complete success.

The goal of the internship program was to give socioeconomically disadvantaged undergraduate students an introduction to what graduate study in Computer Science is like and to encourage them to consider graduate education. A further goal was to build stronger relationships with local and national four-year HBCUs (Historically Black Colleges and Universities). We also recruited students from HBCUs nationwide and worked in conjunction with the School of Electrical and Computer Engineering, which has a similar intern program, funded by the National Science Foundation. We worked very closely with local HBCU faculty to provide an internship program that was rewarding, challenging, enjoyable, and closely mentored.

This year our program included 12 interns. There were 4 activities that the internships were given to participate in:

- 1) A research project pairing up according to their common research interest with various faculty members.
- 2) A series of seminars on an Introduction to Graduate Studies in Computer Science. Different faculty members explaining their research area in an effort to give the

student interns ideas of what the state of art and future of Computing is like presented these seminars.

- 3) Two College of Computing Continuing Education "short courses", such as UNIX and C. These classes are 2-4 days.
- 4) Part-time undergraduate assistantships were offered for the first time since 1996. We hope to continue this aspect of the program should the funding remain available.

As stated earlier, we had 12 intern students that participated this summer. Several of the students worked in pairs on particular projects. Participants for the intern program are listed below:

Paquel Austin
Douglass Davis
Jerome Davis
Curtis Felton
Keesah Green
Tanisha Hall
Shanda Harper
Kevin Jenkins
Lauren King
Kori Little
Bodny Olivince
Alec White

Georgia Tech is well placed to provide such a program because of the proximity and existing ties with local HBCUs. We will continue to target HBCU's throughout the country. With gaining experience each year in running this program, our next year's program should prove to be even more successful.